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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1     ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTALLHAMMDDARQAEFKQTREANFAVVR.   74
NTDB id 1019 ACIAD RS04205 WP 004922051.1       ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR   76
NTDB id 1039633 ABRP17 RS04315 WP 197974053.1  .............MAHQRASDLFITAGMPPAIKVNGKISPITQTPLTPQQSRDLVLNVMTPAQREEFEKTHECNFAIGLS   67
NTDB id 1203 PSJM300 01605 AFN76401.1           ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
NTDB id 1307 DR RS10055 WP 010888596.1          MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1283 ACE17W RS02630 WP 010947729.1      ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1259 GC085 RS10305 WP 010947729.1       ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1194 PAKAF RS01995 WP 003084552.1       ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1060 ABD1 RS04380 WP 000355489.1        ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1040 HON27 RS13360 WP 000355489.1       ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                        *** **********!!*****!********!*************** ****************  !**!****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1     .DSGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRTGHI  153
NTDB id 1019 ACIAD RS04205 WP 004922051.1       EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI  156
NTDB id 1039633 ABRP17 RS04315 WP 197974053.1  .GVGRFRVSCFYQRNQVGMVLRRIETRIPTVDELALPPIIKTLAMTKRGIILFVGATGTGKSTSLAAMIGYRNHNSTGHI  146
NTDB id 1203 PSJM300 01605 AFN76401.1           .GIGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI  155
NTDB id 1307 DR RS10055 WP 010888596.1          .DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
NTDB id 1283 ACE17W RS02630 WP 010947729.1      .NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI  155
NTDB id 1259 GC085 RS10305 WP 010947729.1       .NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI  155
NTDB id 1194 PAKAF RS01995 WP 003084552.1       .GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       .NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
NTDB id 1060 ABD1 RS04380 WP 000355489.1        .NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
NTDB id 1040 HON27 RS13360 WP 000355489.1       .NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
consensus                                         **!!!!**!*! *****!*!*!************ ******   !!*****!*!!*!!!!**!******!  ** !!

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LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ  233
ITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQ  236
ITIEDPIEFVHRHEGCIITQREVGIDTDSWEAALKNTLRQAPDVIMIGEVRTREGMDHAIAFAETGHLVLCTLHANNANQ  226
ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ  235
LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE  239
LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK  235
LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK  235
LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
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NTDB id 1177 A1552VC RS01165 WP 000422572.1     ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ   313
NTDB id 1019 ACIAD RS04205 WP 004922051.1       TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGMQ   316
NTDB id 1039633 ABRP17 RS04315 WP 197974053.1  AMDRIINFFPEDRRNQLLMDLSLNIKGVVAQQLIPSPDGRSRKVAMEIMLGTPLVQDYIREGEIHKLKEVMKESTQLGMK   306
NTDB id 1203 PSJM300 01605 AFN76401.1           ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ   315
NTDB id 1307 DR RS10055 WP 010888596.1          SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
NTDB id 1283 ACE17W RS02630 WP 010947729.1      TINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQ   314
NTDB id 1259 GC085 RS10305 WP 010947729.1       TINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQ   314
NTDB id 1194 PAKAF RS01995 WP 003084552.1       TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQ   314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
NTDB id 1060 ABD1 RS04380 WP 000355489.1        TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
NTDB id 1040 HON27 RS13360 WP 000355489.1       TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
consensus                                       ***!********** *** *!*********!*!** *****!*** !************!!* ******* *****  !!*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1     TFDQALYQLVVDDKISEQDALHSADSANDLRLMLK.TKRGDDYG...SGSLQNV....KIDME.................   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1       TFDQALFDLYDHQHISYADALKHADSPNNLRLQIK.LSEEANKPLDNRERMSEM....ERKMTFDGQRRNLK........   383
NTDB id 1039633 ABRP17 RS04315 WP 197974053.1  TFDQSLFELYQAGEISYEDALRYADSQNEVRLRIK.LSQGGDARTLSQG.LDGV....EISEVR................   364
NTDB id 1203 PSJM300 01605 AFN76401.1           TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSV.SQGL....TLEMSDDDPGRSFR........   381
NTDB id 1307 DR RS10055 WP 010888596.1          TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPA.APPVPAYNSASSSSTGRGGDFGRGAAAPAT   398
NTDB id 1283 ACE17W RS02630 WP 010947729.1      TLDQHLTELVNKNIISKHTAHEAALNKSLF..........................................   344
NTDB id 1259 GC085 RS10305 WP 010947729.1       TLDQHLTELVNKNIISKHTAHEAALNKSLF..........................................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1       TLDMCLKGLVAKGLISRENAREKAKIPENF..........................................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       TLDQSLKGLVSRGVISPQTARTAAKQPESFL.........................................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1        TLDQSLKGLVARGVISPQTARTAAKQPESFL.........................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1       TLDQSLKGLVARGVISPQTARTAAKQPESFL.........................................   345
consensus                                       !*!* !  !* ***!*   *   !  *  *

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NTDB id 1177 A1552VC RS01165 WP 000422572.1     .....................   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1       .....................   383
NTDB id 1039633 ABRP17 RS04315 WP 197974053.1  .....................   364
NTDB id 1203 PSJM300 01605 AFN76401.1           .....................   381
NTDB id 1307 DR RS10055 WP 010888596.1          PAAPAAGRSEPGRAGGFGRR   418
NTDB id 1283 ACE17W RS02630 WP 010947729.1      .....................   344
NTDB id 1259 GC085 RS10305 WP 010947729.1       .....................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1       .....................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       .....................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1        .....................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1       .....................   345
consensus
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X non conserved
X similar
X ≥ 50% conserved